



## PROFILE

Computer and biomedical engineer with high training in the design, construction and control of biomedical tools and robotic arms. Experience in the design and construction of electronic circuits and control systems. High training and experience in medical devices. Excellent knowledge of programming languages for: datamining, database management, website creation, machine learning, deep learning, analysis of signals and biomedical images. Great predisposition to work in a team, great precision, attention to detail, excellent organizational skills and high resistance to stress.

## CONTACTS

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## ACTIVITIES AND INTERESTS

Artificial Intelligence, Industry 4.0, Programming, Robotics, Big data analysis, Data mining, Biosignals analysis

## PUBLICATIONS

"A framework for clinical data integration and annotation for decision support", IEEE BIBM 2021 Workshop

# RAFFAELE GIANCOTTI

## PROFESSIONAL EXPERIENCES

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**Engineer**  
**Magna Graecia University of Catanzaro**  
**2019**

Design and construction of a broadband ultrasonic transducer. Study of the resonance range of a piezoelectric material and of the frequency range in transmission and reception of ultrasonic waves.

**Engineer**  
**T.E.A S.A.S**  
**2021**

Design and implementation of an automatic system for the diffusion of perfumes. Management of the control of the same through Arduino with I2C protocol.

**Engineer**  
**Magna Graecia University of Catanzaro**  
**2021**

Design of an embedded acquisition and control system for assisting the visually impaired through NVIDIA Jetson (Artificial Intelligence).

## EDUCATION

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**Bachelor's Degree in Computer and Biomedical Engineering**  
October 2019  
Magna Graecia University of Catanzaro

**Master's Degree in Biomedical Engineering (grade 110 with honors)**  
October 2021  
Magna Graecia University of Catanzaro

## MAIN SKILLS AND CHARACTERISTICS

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- Problem solving
- Programming experiences with Python, Java, Javascript, HTML, PHP, MySQL
- Flexibility
- Ability to work under stress
- Attitude towards new technologies
- Ability to find concrete answers quickly
- Good knowledge of the English language
- Excellent exposure skills